Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 08 Mar 2021 until 23:59 on Tuesday 09 Mar 2021

Forecast Issued on Sunday 07 Mar 2021 at 12:14

Confidence: High for general themes. Lower confidence for low cloud details on Monday and Tuesday.

Headline for Monday 08 Mar 2021: Low cloud and patchy rain. Cold on the tops.

Mountain weather hazards on Monday 08 Mar 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow	Sleet	Light rain	Light rain	Light rain	Fog	Fog	Drizzle
Precipitation probability							
60%	60%	60%	60%	60%	40%	30%	30%

Forecast for Monday 08 Mar 2021

Weather: Outbreaks of rain overnight, with a little snow at first above 700m. A cloudy day with outbreaks of rain but some drier spells through the afternoon and evening.

Chance of cloud free mountain/hill tops above 600m: 10%.

Visibility: Very poor at height with low cloud becoming extensive by morning. Cloud bases mainly 300 or 400m but lifting onto higher slopes at times through the afternoon and evening, especially in the east. Generally hazy below the cloud base.

Forecast for Monday 08 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/20 W	13/19 SW	13/20 SW	15/23 SW	18/25 W	17/25 W	16/24 W	14/21 W	12/17 W
300	7/17 W	7/17 W	8/17 SW	9/19 W	12/24 W	11/23 W	10/22 W	9/19 W	7/15 W
Valley	3/10 SW	3/10 SW	4/12 SW	6/15 SW	10/20 W	9/19 W	7/16 W	6/14 SW	4/10 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-6	0/-5	1/-4	2/-3	3/-3	3/-2	2/-3	2/-3	2/-3
300	2/-2	2/-1	2/-1	4/0	4/0	5/1	4/0	4/0	4/1
Valley	3/1	3/2	4/2	5/3	6/3	6/4	5/3	5/2	4/3
Freezing Level*	700m	900m	1100m	1000m	1000m	1000m	1000m	1000m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A cold day on the tops, especially when in the low cloud and rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 07 Mar 2021	0mm	0mm	0.2mm

Forecast for Tuesday 09 Mar 2021

Weather: Mainly cloudy with light rain or drizzle which will be on and off through the day. Some brightness coming through in the afternoon. Winds strengthening in the evening ahead of persistent and heavier rain arriving from the west by midnight.

Maximum wind: Southwest 10-15mph, increasing to 30mph gusts 45mph in the evening.

Chance of cloud free mountain/hill tops above 600m: 10% in morning, becoming 60% in afternoon as cloud bases rise.

Visibility: Extensive cloud above 200 or 300m overnight and morning. Cloud lifting to 500 or 600m in the afternoon and breaking up a little. Rather hazy below the cloud base.

Temperature: **Valleys:** Plus 4C rising to 8 or 9C.
At 600m: Plus 1C rising to 4 or 5C.
Freezing level: Above summits.